| Inde | ex of | Claims |  |
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09/779,779

Examiner

Usha Raman

Applicant(s)/Patent under Reexamination

GOLDSCHMIDT IKI ET AL.

Art Unit

2617

| <b>√</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| + | Restricted                     |

| N | Non-Elected  |
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| 1 | Interference |

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| Cli         | aim  | Date   |              |  |  |  |  |          |  |  |
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| <del></del> | Original   | ဖြွ  |              |  |  |  | 1  |          |  |  |
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|             | 1  | ₹  |              | i –  | İ  |  | 1  |          |  |  |
|             | 2  | 1  | $\vdash$     | ┢  | $\vdash$   | ╁  | ├-   | ├        | ┢  | -  |
|             |  | I V  | -            | ⊢  | ├—   | ऻ—   | ┞  | ⊢        | ┞  | -  |
|             | _ 3  | √  | _            |  | <u> </u>   |  |  |          |  |  |
|             | 4  | √  |              | 1  |  | 1  | 1  |          |  |  |
|             | <u>4</u><br>5                                      | J  |              |  | 1  |  | $\vdash$   | _        | <u> </u>   |  |
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|             | 6  | ľ  | <u> </u>     | ـــــ  | ┞  | ┞  | L  | ▙        | ╙  | <u> </u>   |
|             | 7  | V  |              |  |  |  |  |          |  |  |
|             | 8  | V  |              |  |  | •  |  | 1        |  | _  |
|             | 9  | V  |              |  |  |  |  |          |  | <del> </del>                                     |
|             | 10   | 1 :  | -            | $\vdash$   | <del>                                     </del> |  | $\vdash$   | ⊢        | $\vdash$   | -  |
|             | 10   | I V  |              | <u> </u>   | ₩  | <u> </u>   | <b>!</b>   | <u> </u> | ₩  |  |
|             | 11   | 1  | L_           | <u> </u>   | <u> </u>   | Щ  |  |          |  |  |
|             | 12   | √  |              | l  |  | l  | 1  | l        | ł  |  |
|             | 13   | 1  |              | П  |  | Г  | $\overline{}$                                    |          | Г  | П  |
|             | 14   | 1  | $\vdash$     | $\vdash$   |  |  | <del>                                     </del> | $\vdash$ | <del> </del>                                     | <del>                                     </del> |
|             | 14   | <del>                                     </del> |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | <del> </del>                                     | -  |
|             | 15   | 1  | _            | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   |          | <u> </u>   |  |
|             | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            | L            | L_   | L  | L  | L  | L        | L  | L  |
|             | 17   | V  |              | Ι  | Γ  |  |  |          |  |  |
|             | 18   | J  | _            | _  | $\vdash$   | -  |  |          | $\vdash$   | _  |
|             | 10   | ۲,   | ├            | ⊢  | ├  | ⊢  | ⊢  | ⊢        | ├  | -  |
|             | 19   | V  | <u> </u>     |  |  |  |  |          | <u> </u>   |  |
|             | 20   | √  |              |  |  |  | l  |          | 1  |  |
|             | 21   | Ī√   | Г            |  |  |  |  |          |  |  |
|             | 21<br>22   | 1  | _            | $\vdash$   | ┰  |  |  |          | <del>                                     </del> |  |
|             | 22   | <del>                                     </del> | <del> </del> |  | _  |  | ├  |          | <b>!</b> —                                       |  |
|             | 23<br>24<br>25                                     | V  | _            | <u> </u>   |  |  |  | L        |  |  |
|             | 24   | √  | L.           |  |  |  | ļ  |          |  |  |
|             | 25   | 1  |              |  |  |  |  | Γ        |  |  |
|             | 26   | V  |              |  |  |  |  |          |  |  |
|             | 26<br>27   | <del>'</del>                                     | -            | ┢  | <del> </del>                                     |  | $\vdash$   |          | ├—   |  |
|             | 21   | _  | <u> </u>     | <u> </u>   | <u> </u>   | _  | _  | <u> </u> | <u> </u>   |  |
|             | 28   |  |              |  |  |  |  |          |  |  |
|             | 29   |  |              |  |  |  |  |          |  |  |
|             | 30   |  | _            | $\vdash$   |  |  | _  | _        |  |  |
|             | 24   | $\vdash$   | $\vdash$     |  | $\vdash$   | $\vdash$   | <del>                                     </del> |          | <u> </u>   | $\vdash$   |
|             | 31   | <u> </u>   | _            | _  | <u> </u>   |  | <u> </u>   |          | <u> </u>   | Щ  |
|             | 32   |  |              | L  | L  | L  | L  | L        | L  | ╚  |
|             | 33   | ı –  |              |  |  |  |  |          |  |  |
|             | 34   | $\vdash$   | $\vdash$     | Н  |  | $\vdash$   | $\vdash$   | $\vdash$ | Г  | Н  |
|             | 34<br>35   | ├—   | -            | $\vdash$   | -  | $\vdash$   | -  | $\vdash$ | <del> </del>                                     | $\vdash\vdash$                                   |
|             | 35   | _  | _            | <u> </u>   | _  | $\vdash$   | <u> </u>   | _        | <u> </u>   | $\square$  |
|             | 36   |  | L            | L  |  | L  | L  | L        | L  | <u> </u>   |
|             | 37<br>38   |  |              |  |  |  |  |          |  |  |
|             | 38   |  |              |  |  |  |  | $\vdash$ | $\vdash$   | Н  |
|             | 39   | $\vdash$   | $\vdash$     | -  | $\vdash$   | <del>                                     </del> | -  | _        | $\vdash$   | Н  |
|             | 39   | $\vdash$   | <u> </u>     | <u> </u>   | $\vdash$   | $\vdash$   | $\vdash$   |          | <u> </u>   | Щ  |
|             | 40   | oxdot  | _            | L  |  |  | L  |          |  |  |
|             | 41   |  |              |  |  |  |  |          |  |  |
|             | 42   | П  |              |  | Г  |  | Г  |          | Г  | Н  |
|             |  | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | -  | $\vdash$ | <del>  -</del>                                   | Н  |
|             | 43   | <u> </u>   |              | <u> </u>   | <u> </u>   |  | <u> </u>   | <u> </u> | L_   | Ш  |
|             | 44   |  |              | $ldsymbol{ld}}}}}}$ |  |  |  | L        |  |  |
|             | 45   |  |              |  |  |  |  |          |  |  |
|             | 46   | $\vdash$   |              |  |  | $\vdash$   | П  | $\vdash$ | $\vdash$   | Н  |
|             |  | <del>  -</del>                                   | —            | $\vdash$   | $\vdash$   | -  | H  | <u> </u> | <del> </del>                                     | $\vdash$   |
|             | 47   | <u> </u>   | _            | <u> </u>   | $\vdash$   | <b>—</b>   | <b>—</b>   | <u> </u> | <u> </u>   | Щ  |
|             | 48   | L_   |              |  |  | L  | Ш  |          | L  |  |
|             | 49   |  |              |  |  |  |  |          |  |  |
|             | 50   |  | -            |  |  | $\overline{}$                                    |  |          | -  | $\vdash$   |

| Clai      | im       | Γ        |          |  |          | Dat      |  |          |                |  | 1  | Cla          | aim      | ı —             |          |              |          | Dat      | e            |          |          |          |
|-----------|----------|----------|----------|--|----------|----------|--|----------|----------------|--|----|--------------|----------|-----------------|----------|--------------|----------|----------|--------------|----------|----------|----------|
| Ť         |          |          |          | Г  | T        | T        | İ  | Ī        | Γ              |  | 1  | <u> </u>     |          | $\Box$          |          |              | т:       | <u> </u> | Ť            |          |          | $\Box$   |
| ,         | Original | ဖွ       |          | l  |          | 1        | 1  | l        | 1              |  |    | <u>_</u>     | Original |                 |          |              |          |          | l            |          |          |          |
|           | Ē        | 1/5/06   |          |  | 1        | 1        |  | l        |                |  | ]  | Final        | <u>.</u> |                 |          | l            |          |          |              | 1        |          |          |
|           | Ō        | -        |          |  |          | 1        |  | l        | 1              |  | 1  | "            | Õ        |                 |          |              |          |          |              |          |          |          |
| $\dashv$  | 1        | 1        | $\vdash$ | $\vdash$   | $\vdash$ | -        |  | $\vdash$ | $\vdash$       |  | ł  | $\vdash$     | 51       | Н               |          | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ |
| +         | 2        | 1        | <u> </u> | <del>                                     </del> | $\vdash$ | 1        | ⊢  | -        | $\vdash$       | $\vdash$   | ł  | <del> </del> | 52       | H               |          | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$     | -        |          | ٠        |
| $\dashv$  | 3        | 1        | -        | ⊢  | ╌        | ⊢        | $\vdash$   | $\vdash$ | ⊢              | -  | 1  | <u> </u>     | 52       | -               |          | _            | _        | ⊢        | -            | ├—       |          | $\vdash$ |
| -         | 4        | 1        | _        | -  | ⊢        | -        | $\vdash$   |          | ⊢              | -  | ł  | <u> </u>     | 53       | _               |          | ⊢            | <u> </u> | -        | <del> </del> | <u> </u> |          | Ш        |
| +         | 5        | 1        |          | -  | $\vdash$ | _        | ⊢  |          | -              | -  | ł  | -            | 54       |                 |          | <u> </u>     | <u> </u> | ⊢        | _            | ┡        | L        |          |
| -         | _2_      | 1        | _        | ├  | <u> </u> | H        | H  | _        | ⊢              | -  | {  |              | 55       | ļ               |          | <u> </u>     | <u> </u> | L        | ⊢            | _        |          | Ш        |
| 4         | 6        | 7        | _        |  | L        | <u> </u> | H  |          | ⊢              | <u>                                     </u>     | 1  | <u> </u>     | 56       |                 |          | <u> </u>     | _        | _        | <u> </u>     | _        | $\vdash$ |          |
| 4         | 7        |          | _        |  | H        | L        |  | _        | L              | <u> </u>   | ļ  |              | 57       | Ш               |          | _            | _        | <u> </u> |              | _        | _        | Ш        |
| $\dashv$  | 8        | 1        |          |  |          |          |  | _        | Ь.             |  | ļ  | L .          | 58       |                 |          | _            | _        |          |              |          |          |          |
| +         | 9        | 1        |          |  |          |          |  | _        | ⊢              |  | ļ  | <u> </u>     | 59       |                 |          | _            | _        |          | _            | _        |          |          |
| $\dashv$  | 10       | 7        |          | <u> </u>   |          |          |  | _        | <u> </u>       | <u> </u>   |    |              | 60       |                 |          | _            | <u> </u> |          | <u> </u>     | _        |          |          |
| -         | 11       | 7        |          |  | _        |          |  | _        |                | _  |    |              | 61       | Ш               |          |              | <u> </u> |          |              |          |          |          |
| 4         | 12       | 1        |          |  |          | _        |  |          | _              | _  | ļ  | L            | 62       | Ш               |          |              |          |          | <u></u>      |          |          |          |
| 4         | 13       | ۷.       |          | _  |          |          |  | L        | <u> </u>       | _  |    |              | 63       | Ш               |          |              |          | L.       |              |          |          | Ш        |
| 4         | 14       | 1        | _        | <u> </u>   |          |          |  |          | L              | _  |    |              | 64       |                 |          |              |          |          | L            | _        |          |          |
| 4         | 15       | 7        |          | _  | _        | _        |  |          | <u> </u>       | _  | 1  |              | 65       |                 |          |              |          |          | L            | <u> </u> |          | Ш        |
|           | 16       | V        |          |  | _        | <u> </u> |  |          | L              | L  |    |              | 66       | Ш               |          | _            |          |          |              |          |          |          |
| $\perp$   | 17       | 1        |          |  |          |          |  |          | L              | L  |    |              | 67       |                 |          |              |          |          |              |          |          |          |
| ┙         | 18       | 4        |          | L  |          |          |  |          |                |  |    |              | 68       |                 |          |              |          |          |              |          |          |          |
|           | 19       | 1        |          |  |          |          |  |          |                |  |    |              | 69       |                 |          |              |          |          |              |          |          |          |
|           | 20       | 1        |          |  |          |          |  |          |                |  |    |              | 70       |                 |          |              |          |          |              |          |          |          |
|           | 21       | 4        |          |  |          |          |  |          |                |  |    |              | 71       |                 |          |              |          |          |              |          |          |          |
|           | 22       | 1        |          |  |          |          |  |          | Π              |  |    |              | 72       |                 |          |              |          |          | Г            |          |          |          |
|           | 23       |          |          |  |          |          |  |          |                |  |    |              | 73       |                 |          |              |          |          |              |          |          |          |
|           | 24       | <b>√</b> |          |  |          |          |  |          |                |  | 1  |              | 74       |                 |          |              |          |          |              |          |          |          |
|           | 25       | 1        |          |  |          |          |  |          |                |  | 1  |              | 75       |                 |          |              |          |          |              |          |          | П        |
|           | 26       | √        |          |  |          |          |  |          |                |  | 1  |              | 76       |                 |          |              |          |          | Г            |          |          |          |
| $\neg$    | 27       |          |          |  |          |          |  |          |                |  |    |              | 77       |                 |          |              |          |          |              |          |          |          |
| $\neg$    | 28       |          |          |  |          |          |  |          |                |  | 1  |              | 78       |                 |          |              |          |          |              |          |          |          |
| 7         | 29       |          |          |  |          |          |  |          |                |  | 1  |              | 79       |                 |          |              |          |          |              |          |          |          |
| T         | 30       |          |          |  |          |          |  |          |                |  | 1  |              | 80       | -               |          |              |          |          |              |          |          |          |
| T         | 31       |          |          |  |          |          |  |          |                |  | ١. |              | 81       |                 | -        |              |          |          |              | _        | _        |          |
| T         | 32       |          |          |  |          |          | $\overline{}$                                    |          |                |  |    |              | 82       |                 |          |              |          |          |              |          |          |          |
| 十         | 33       |          |          |  |          |          | $\overline{}$                                    |          |                |  |    |              | 83       |                 |          |              |          |          |              |          |          |          |
| +         | 34       |          |          |  |          |          |  |          | Г              | <u> </u>   |    |              | 84       |                 |          |              |          |          |              |          | $\vdash$ | $\Box$   |
| $\dagger$ | 35       |          |          |  |          |          |  |          |                |  |    |              | 85       |                 |          |              |          |          |              | _        | Н        |          |
| $\top$    | 36       |          | _        |  |          |          |  |          | Г              | $\vdash$   |    |              | 86       |                 | ┪        |              |          |          |              |          | $\vdash$ |          |
| $\dagger$ | 37       | $\Box$   |          | _  |          |          | $\vdash$   |          |                | $\vdash$   |    |              | 87       | H               | ٦        |              |          |          |              | -        | $\vdash$ | $\vdash$ |
| $\top$    | 38       |          |          |  |          |          | ┢  |          | $\vdash$       | $\vdash$   |    |              | 88       | $\Box$          | -        |              |          |          |              |          | $\vdash$ | $\dashv$ |
| 1         | 39       | $\Box$   |          |  |          |          | _  |          |                | _  |    |              | 89       | $\Box$          |          |              |          |          |              |          |          | $\neg$   |
| $\top$    | 40       | T        |          |  |          |          |  | _        |                | $\vdash$   |    |              | 90       | $\vdash$        |          |              | -        | _        | $\vdash$     |          |          | $\vdash$ |
| $\dagger$ | 41       | П        |          |  |          |          |  |          | $\vdash$       |  |    |              | 91       | -               | $\dashv$ |              |          |          | _            | _        | $\vdash$ | $\dashv$ |
| $\dagger$ | 42       |          |          |  | $\vdash$ |          | $\vdash$   |          | $\vdash$       | <del>                                     </del> |    |              | 92       | $\dashv$        | -        | -            |          |          |              | $\vdash$ | Н        | $\vdash$ |
| 十         | 43       |          |          |  |          | _        | <del>                                     </del> |          | $\vdash$       | $\vdash$   |    |              | 93       | $\dashv$        |          |              |          | Н        | Н            | -        | $\dashv$ | $\vdash$ |
| ╅         | 44       |          |          |  |          |          | -  |          | $\vdash$       | -  |    |              | 94       | $\vdash \vdash$ | -        |              | -        | $\vdash$ |              | -        | $\vdash$ | $\vdash$ |
| $\top$    | 45       | $\vdash$ |          |  |          |          |  | _        | $\vdash$       |  |    |              | 95       | $\vdash$        |          | -            |          |          | $\vdash$     |          | $\vdash$ | $\vdash$ |
| +         | 46       | $\vdash$ | -        |  | H        | -        | Н  | -        | $\vdash$       | Н  |    |              | 96       | $\dashv$        | $\dashv$ | -            |          |          | H            |          | $\vdash$ | -        |
| +         | 47       |          | -        |  | $\vdash$ |          | -  | -        | -              | -  |    |              | 97       | $\vdash$        |          |              | -        | -        | $\vdash$     | $\vdash$ | $\vdash$ |          |
| +         | 48       | -        | _        | -  |          | -        | H  | -        | -              | <u> </u>   |    |              | 98       | $\vdash \vdash$ |          |              | -        | -        | $\vdash$     | <b>—</b> |          | -        |
| +         | 49       |          | -        |  | H        | -        | -  | -        | -              |  |    |              | 99       | $\vdash \vdash$ |          | -            |          | H        |              | <u> </u> | $\vdash$ |          |
| +         | 50       |          | _        |  | Н        |          | -  |          | <del>  -</del> |  |    | $\vdash$     | 100      | $\dashv$        |          |              |          | H        | H            | Н        | -        | $\dashv$ |
| _ i_      | 50       |          |          |  |          |          | Щ.   |          | L_             | L  |    |              | 100      |                 |          |              |          |          |              | Ц.,      | ш        | Ш        |

| Cli   | aim  | Date     |              |          |              |                |          |          |              |                 |  |
|-------|--|----------|--------------|----------|--------------|----------------|----------|----------|--------------|-----------------|--|
|       |  | $\vdash$ | _            | 1        | _            | 1              | Ť        |          | T            | $\vdash$        |  |
| Final | Original   |          |              |          |              |                |          |          |              |                 |  |
|       | 101<br>102   |          |              |          |              |                |          |          |              |                 |  |
|       | 102  |          |              |          |              |                |          |          |              |                 |  |
|       | 103  |          | $oxed{oxed}$ |          |              | _              |          |          | <u> </u>     |                 |  |
|       | 104<br>105   |          | <u> </u>     | _        |              |                |          |          |              | Ш               |  |
|       | 105  | _        | _            |          | _            |                |          | _        | <u> </u>     | Щ               |  |
|       | 106  | <u> </u> |              |          | _            | <u> </u>       |          | _        |              | Щ               |  |
|       | 107<br>108   |          | _            | -        | <u> </u>     |                | <u> </u> | <u> </u> | _            | Н               |  |
|       | 109  | -        |              | $\vdash$ | <u> </u>     | <del> </del> — | -        | <u> </u> |              | Н               |  |
|       | 110  |          |              | _        | $\vdash$     | -              |          | $\vdash$ |              | Н               |  |
|       | 111  | ┝╾       |              |          | $\vdash$     | $\vdash$       | -        | ┝        | ┢            | $\vdash \vdash$ |  |
|       | 112  | $\vdash$ | -            | -        | $\vdash$     |                | $\vdash$ | -        | -            | Н               |  |
|       | 113  |          |              |          | $\vdash$     |                |          | H        | Н            | H               |  |
|       | 114  |          |              |          | Т            | Г              |          |          |              | H               |  |
|       | 115  |          |              |          |              | Г              |          |          |              | П               |  |
|       | 116  |          |              |          |              |                |          |          |              |                 |  |
|       | 112<br>113<br>114<br>115<br>116<br>117<br>118<br>119 |          |              |          |              |                | 匚        |          |              |                 |  |
|       | 118  |          |              |          |              |                |          | <u> </u> | <u> </u>     | Ш               |  |
|       | 119  |          | _            |          | $oxed{oxed}$ |                |          | L        |              |                 |  |
|       | 120<br>121<br>122                                    |          |              |          |              |                |          | _        | _            | Щ               |  |
|       | 121  | _        |              |          | <u> </u>     |                |          | _        |              | Ш               |  |
|       | 122  | _        | _            |          |              |                |          | <u> </u> | <u> </u>     | $\vdash$        |  |
|       | 123<br>124<br>125                                    | _        |              | <u> </u> |              |                |          | -        | <del> </del> | -               |  |
|       | 124  |          |              |          |              |                |          | -        |              | $\dashv$        |  |
|       | 126  |          |              | $\vdash$ |              |                |          |          |              | $\dashv$        |  |
|       | 126<br>127   |          |              |          |              |                |          |          | ┢            | $\dashv$        |  |
|       | 128<br>129<br>130                                    |          |              |          |              | Н              |          | -        | ┢            | Н               |  |
|       | 129  |          |              |          |              |                |          |          | _            | $\dashv$        |  |
|       | 130  |          |              |          |              |                |          |          | $\vdash$     | П               |  |
|       | 131<br>132   |          |              |          |              |                |          |          |              |                 |  |
|       | 132  |          |              |          |              |                |          |          |              |                 |  |
|       | 133  | Щ        |              | L        | $oxed{oxed}$ |                | Ш        |          | <u> </u>     | Ш               |  |
|       | 134<br>135   | <u> </u> |              |          | _            |                | Ш        |          | _            | Ш               |  |
|       | 135  | ļ        |              | <u> </u> |              | <u> </u>       |          | <u> </u> | <u> </u>     | Ш               |  |
| -     | 136  |          | _            |          | _            | -              |          | <u> </u> | ļ            | Н               |  |
|       | 137<br>138   | -        |              | -        | -            | _              |          | <u> </u> | <u> </u>     | $\vdash \vdash$ |  |
|       | 138  | <b>-</b> |              | -        |              | -              |          | H        | <u> </u>     | $\vdash \vdash$ |  |
|       | 140  |          |              |          | $\vdash$     |                |          | -        | H            | $\vdash \vdash$ |  |
|       | 141  | $\vdash$ |              |          | Н            | _              | _        | $\vdash$ | $\vdash$     | Н               |  |
|       | 142  |          |              |          |              | _              |          |          |              | Н               |  |
|       | 143  |          |              |          |              |                |          |          | Г            | П               |  |
|       | 144  |          |              |          |              |                |          |          |              |                 |  |
|       | 145  |          |              |          |              |                |          |          |              |                 |  |
|       | 146  |          |              |          |              |                |          |          |              |                 |  |
|       | 147  |          |              |          |              |                |          |          |              |                 |  |
|       | 148  |          |              |          |              |                |          |          |              |                 |  |
|       | 149  |          |              |          |              | Щ              |          |          |              | Ш               |  |
|       | 150  |          |              |          |              |                |          |          |              | Ш               |  |